

Form PTO-1449

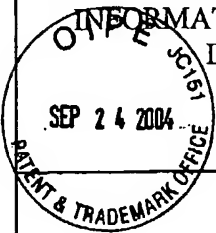
Docket Number: 0024.04 CON

Application Number: 10/815,527

Applicant: Joshua D. RABINOWITZ et al.

Filing Date: 4/1/2004

Group Art Unit: Not Yet Known

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
M	1.	02/09/1965	3,169,095	Thiel et al.			
	2.	02/02/1971	3,560,607	Hartley			
	3.	05/27/1980	Re. 30,285	Babington			
	4.	09/15/1987	4,693,868	Katsuda et al.			
	5.	11/24/1987	4,708,151	Shelar			
	6.	12/22/1987	4,714,082	Banerjee et al.			
	7.	07/12/1988	4,756,318	Clearman et al.			
	8.	05/29/1990	4,928,714	Shannon			
	9.	02/05/1991	4,989,619	Clearman et al.			
	10.	05/28/1991	5,019,122	Clearman et al.			
	11.	06/04/1991	5,020,548	Farrier et al.			
	12.	07/01/1991	5,027,836	Shannon et al.			
	13.	07/23/1991	5,033,483	Clearman et al.			
	14.	08/27/1991	5,042,509	Banerjee et al.			
	15.	10/29/1991	5,060,666	Clearman et al.			
	16.	11/26/1991	5,067,499	Banerjee et al.			
	17.	12/31/1991	5,076,292	Sensabaugh, Jr. et al.			
	18.	03/31/1992	5,099,861	Clearman et al.			
	19.	02/14/1995	5,388,574	Ingebrethsen			
	20.	08/13/1996	5,544,646	Lloyd et al.			
	21.	12/09/1997	5,694,919	Rubsamen et al.			
	22.	04/07/1998	5,735,263	Rubsamen et al.			
	23.	06/02/1998	5,758,637	Ivri et al.			
	24.	06/29/1999	5,915,378	Lloyd et al.			
N	25.	08/10/1999	5,934,272	Lloyd et al.			

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M	26.	09/28/1999	5,957,124	Lloyd et al.			
	27.	10/05/1999	5,960,792	Lloyd et al.			
	28.	08/01/2000	6,095,134	Sievers et al.			
	29.	08/01/2000	6,095,153	Kessler et al.			
	30.	08/15/2000	6,102,036	Slutsky et al.			
	31.	07/15/2003	6,591,839	Meyer et al.			
	32.	09/06/2001	US 2001/0020147	Staniforth et al.			
	33.	03/28/2002	US 2002/0037828	Wilson et al.			
	34.	05/16/2002	US 2002/0058009	Bartus et al.			
	35.	07/04/2002	US 2002/0086852	Cantor			
	36.	08/22/2002	US 2002/0112723	Schuster et al.			
	37.	11/28/2002	US 2002/0176841	Barker et al.			
	38.	01/02/2003	US 2003/0004142	Prior et al.			
M	39.	02/13/2003	US 2003/0032638	Kim et al.			

RELATED ALEXZA MOLECULAR DELIVERY CORPORATION PATENT DOCUMENTS

M	40.	08/04/2003	10/633,876 /	Hale et al.			
	41.	08/04/2003	10/633,877 /	Hale et al.			
	42.	12/30/2003	10/749,537 /	Rabinowitz et al.			
	43.	12/30/2003	10/749,539 /	Rabinowitz et al.			
	44.	01/27/2004	10/766,149 /	Rabinowitz et al.			
	45.	01/27/2004	10/766,279 /	Rabinowitz et al.			
	46.	01/27/2004	10/766,566 /	Rabinowitz et al.			
	47.	01/27/2004	10/766,574 /	Rabinowitz et al.			
	48.	01/27/2004	10/766,634 /	Rabinowitz et al.			
	49.	01/27/2004	10/766,647 /	Rabinowitz et al.			
	50.	01/28/2004	10/767,115 /	Rabinowitz et al.			
	51.	01/29/2004	10/768,205 /	Rabinowitz et al.			
	52.	01/29/2004	10/768,220 /	Rabinowitz et al.			
M	53.	01/29/2004	10/768,281 /	Rabinowitz et al.			

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M	54.	01/29/2004	10/768,293 ✓	Rabinowitz et al.			
	55.	01/30/2004	10/769,046 ✓	Rabinowitz et al.			
	56.	01/30/2004	10/769,051 ✓	Rabinowitz et al.			
	57.	01/29/2004	10/769,157 ✓	Rabinowitz et al.			
	58.	01/29/2004	10/769,197 ✓	Rabinowitz et al.			
	59.	02/09/2004	10/775,583 ✓	Rabinowitz et al.			
	60.	02/09/2004	10/775,586 ✓	Rabinowitz et al.			
	61.	03/03/2004	10/791,915 ✓	Hale et al.			
	62.	03/03/2004	10/792,001 ✓	Rabinowitz et al.			
	63.	03/03/2004	10/792,012 ✓	Hale et al.			
	64.	03/03/2004	10/792,013 ✓	Rabinowitz et al.			
	65.	03/03/2004	10/792,096 ✓	Hale et al.			
	66.	03/03/2004	10/792,239 ✓	Hale et al.			
	67.	03/31/2004	10/813,721 ✓	Rabinowitz et al.			
	68.	03/31/2004	10/813,722 ✓	Rabinowitz et al.			
	69.	03/31/2004	10/814,690 ✓	Rabinowitz et al.			
	70.	03/31/2004	10/814,998 ✓	Rabinowitz et al.			
	71.	04/01/2004	10/816,407 ✓	Rabinowitz et al.			
	72.	04/01/2004	10/816,492	Rabinowitz et al.			
	73.	04/01/2004	10/816,567 ✓	Rabinowitz et al.			
	74.	08/04/2004	10/912,462	Hale et al.			
	75.	01/23/2003	US 2003/0015196	Hodges et al.			
	76.	04/03/2003	US 2003/0062042	Wensley et al.			
	77.	11/13/2003	US 2003/0209240	Hale et al.			
	78.	01/02/2003	US 2003/0000518	Rabinowitz et al.			
	79.	01/09/2003	US 2003/0005924	Rabinowitz et al.			
	80.	01/09/2003	US 2003/0005925	Hale et al.			
	81.	01/09/2003	US 2003/0007933	Rabinowitz et al.			
	82.	01/09/2003	US 2003/0007934	Rabinowitz et al.			
M	83.	01/16/2003	US 2003/0012737	Rabinowitz et al.			

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M	84.	01/16/2003	US 2003/0012738	Rabinowitz et al.				
	85.	1/16/2003	US 2003/0012740	Rabinowitz et al.				
	86.	01/23/2003	US 2003/0015189	Rabinowitz et al.				
	87.	01/23/2003	US 2003/0015190	Rabinowitz et al.				
	88.	01/23/2003	US 2003/0017114	Rabinowitz et al.				
	89.	01/23/2003	US 2003/0017115	Rabinowitz et al.				
	90.	01/23/2003	US 2003/0017116	Rabinowitz et al.				
	91.	01/23/2003	US 2003/0017117	Rabinowitz et al.				
	92.	01/23/2003	US 2003/0017118	Rabinowitz et al.				
	93.	01/23/2003	US 2003/0017119	Rabinowitz et al.				
	94.	01/23/2003	US 2003/0017120	Rabinowitz et al.				
	95.	1/30/2003	US 2003/0021753	Rabinowitz et al.				
	96.	01/30/2003	US 2003/0021754	Rabinowitz et al.				
	97.	01/30/2003	US 2003/0021755	Hale et al.				
	98.	02/20/2003	US 2003/0035776	Hodges et al.				
	99.	05/15/2003	US 2003/0091511	Rabinowitz et al.				
	100.	05/27/2004	US 2004/010148	Hale et al.				
	101.	07/31/2003	US 2003/0138382	Rabinowitz				
	102.	11/06/2003	US 2003/0206869	Rabinowitz et al.				
	103.	01/15/2004	US 2004/0009128	Rabinowitz et al.				
	104.	05/20/2004	US 2004/0096402	Hodges et al.				
	105.	05/27/2004	US 2004/0099269	Hale et al.				
	106.	06/03/2004	US 2004/0105818	Hale et al.				
	107.	06/03/2004	US 2004/0105819	Hale et al.				
	108.	07/01/2004	US 2004/0126326	Rabinowitz et al.				
	109.	07/01/2004	US 2004/0126327	Rabinowitz et al.				
	110.	07/01/2004	US 2004/0126328	Rabinowitz et al.				
	111.	07/01/2004	US 2004/0126329	Rabinowitz et al.				
	112.	07/01/2004	US 2004/0127481	Rabinowitz et al.				
M	113.	07/01/2004	US 2004/0127490	Rabinowitz et al.				

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M	114.	08/12/2004	US 2004/0156788	Rabinowitz et al.			
	115.	08/12/2004	US 2004/0156789	Rabinowitz et al.			
	116.	8/12/2004	US 2004/0156790	Rabinowitz et al.			
M	117.	08/12/2004	US 2004/0156791	Rabinowitz et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
M	118.	03/14/1990	EP 0 358 114 ✓	Europe			
	119.	07/03/2001	EP 1 080 720 ✓	Europe			
	120.	08/29/2001	EP 0 606 486 ✓	Europe			
	121.	06/13/1991	WO 91/07947 ✓	WIPO			
	122.	04/16/1992	WO 92/05781 ✓	WIPO			
	123.	04/11/1996	WO 96/09846 ✓	WIPO			
	124.	05/09/1996	WO 96/13161 ✓	WIPO			
	125.	05/09/1996	WO 96/13290 ✓	WIPO			
	126.	05/09/1996	WO 96/13291 ✓	WIPO			
	127.	05/09/1996	WO 96/13292 ✓	WIPO			
	128.	10/03/1996	WO 96/30068 ✓	WIPO			
	129.	10/10/1996	WO 96/31198 ✓	WIPO			
	130.	08/07/1997	WO 97/27804 ✓	WIPO			
	131.	05/28/1998	WO 98/22170 ✓	WIPO			
	132.	07/23/1998	WO 98/31346 ✓	WIPO			
	133.	08/27/1998	WO 98/36651 ✓	WIPO			
	134.	04/08/1999	WO 99/16419 ✓	WIPO			
	135.	12/16/1999	WO 99/64094 ✓	WIPO			
	136.	01/06/2000	WO 00/00176 ✓	WIPO			
M	137.	01/06/2000	WO 00/00215 ✓	WIPO			

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M	138.	05/18/2000	WO 00/27363 ✓	WIPO			
	139.	05/25/2000	WO 00/29053 ✓	WIPO			
	140.	09/17/2000	WO 00/47203 ✓	WIPO			
	141.	11/02/2000	WO 00/64940 ✓	WIPO			
	142.	11/09/2000	WO 00/66084 ✓	WIPO			
	143.	11/09/2000	WO 00/66206 ✓	WIPO			
	144.	12/21/2000	WO 00/76673 ✓	WIPO			
	145.	01/25/2001	WO 01/05459 ✓	WIPO			
	146.	06/14/2001	WO 01/41732 ✓	WIPO			
M	147.	03/28/2002	WO 02/24158 ✓	WIPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
M	148.	Bennett, R.L. et al. (1981). "Patient-Controlled Analgesia: A New Concept of Postoperative Pain Relief," <i>Annual Surg.</i> 195(6):700-705.
	149.	Carroll, M.E. et al. (1990), "Cocaine-base smoking in rhesus monkeys: reinforcing and physiological effects," <i>Psychopharmacology</i> (Berl). 102:443-450.
	150.	Clark, A. and Byron, P. (1986). "Dependence of Pulmonary Absorption Kinetics on Aerosol Particle Size," <i>Z. Erkrank.</i> 166:13-24.
	151.	Darquenne, C. et al. (1997). "Aerosol Dispersion in Human Lung: Comparison Between Numerical Simulations and Experiments for Bolus Tests," <i>American Physiological Society.</i> 966-974.
	152.	Davies, C.N. et al. (May 1972). "Breathing of Half-Micron Aerosols," <i>Journal of Applied Physiology.</i> 32(5):591-600.
	153.	Dershwitz, M., M.D., et al. (September 2000). "Pharmacokinetics and Pharmacodynamics of Inhaled versus Intravenous Morphine in Healthy Volunteers," <i>Anesthesiology.</i> 93(3): 619-628.
	154.	Finlay, W.H. (2001). "The Mechanics of Inhaled Pharmaceutical Aerosols", Academic Press: San Diego Formula 2.39. pp.3-14 (Table of Contents). pp. v-viii.
M	155.	Gonda, I. (1991). "Particle Deposition in the Human Respiratory Tract," Chapter 176, <i>The Lung: Scientific Foundations</i> . Crystal R.G. and West, J.B. (eds.), Raven Publishers, New York. pp. 2289-2294.

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m	156.	Hatsukami D, et al. (May 1990) "A method for delivery of precise doses of smoked cocaine-base to humans." <i>Pharmacology Biochemistry & Behavior</i> . 36(1):1-7.
	157.	Heyder, J. et al. (1986). "Deposition of Particles in the Human Respiratory Tract in the Size Range 0.005-15 μm ," <i>J. Aerosol Sci.</i> 17(5):811-822.
	158.	Huizer, H., "Analytical studies on illicit heron. V. Efficacy of volatilization during heroin smoking." <i>Pharmaceutisch Weekblad Scientific Edition</i> (1987). 9(4):203-211.
	159.	Hurt, R.D., MD and Robertson, C.R., PhD, (October 1998). "Prying Open the Door to the Tobacco Industry's Secrets About Nicotine: The Minnesota Tobacco Trial," <i>JAMA</i> 280(13):1173-1181.
	160.	Lichtman, A.H. et al. (1996). "Inhalation Exposure to Volatilized Opioids Produces Antinociception in Mice," <i>Journal of Pharmacology and Experimental Therapeutics</i> . 279(1):69-76.
	161.	Martin, B.R. and Lue, L.P. (May/June 1989). "Pyrolysis and Volatilization of Cocaine," <i>Journal of Analytical Toxicology</i> 13:158-162.
	162.	Mattox, A.J. and Carroll, M.E., (1996). "Smoked heroin self-administration in rhesus monkeys," <i>Psychopharmacology</i> , 125:195-201.
	163.	Meng, Y. et al. "Inhalation Studies With Drugs of Abuse," <i>NIDA Research Monograph</i> , (1997) 173:201-224.
	164.	Meng, Y., et al. (1999). "Pharmacological effects of methamphetamine and other stimulants via inhalation exposure," <i>Drug and Alcohol Dependence</i> . 53:111-120.
	165.	Office Action mailed 8/13/2003 for US application 10/153,313 filed 05/21/2002 "DELIVERY OF BENZODIAZEPINES THROUGH AN INHALATION ROUTE".
	166.	Pankow, J.F. et al. (1997). "Conversion of Nicotine in Tobacco Smoke to Its Volatile and Available Free-Base Form Through the Action of Gaseous Ammonia," <i>Environ. Sci. Technol.</i> 31:2428-2433.
	167.	Pankow, J. (March 2000). ACS Conference-San Francisco-3/26/00. Chemistry of Tobacco Smoke. pp. 1-8.
	168.	Seeman, J. et al. (1999). "The Form of Nicotine in Tobacco. Thermal Transfer of Nicotine and Nicotine Acid Salts to Nicotine in the Gas Phase," <i>J. Agric. Food Chem.</i> 47(12):5133-5145.
	169.	Sekine, H. and Nakahara, Y. (1987). "Abuse of Smoking Methamphetamine Mixed with Tobacco: 1. Inhalation Efficiency and Pyrolysis Products of Methamphetamine," <i>Journal of Forensic Science</i> 32(5):1271-1280.
	170.	Vapotronics, Inc. (1998) located at http://www.vapotronics.com.au/banner.htm , 11 pages, (visited on June 5, 2000).
m	171.	Ward, M.E. MD, et al. (December 1997). "Morphine Pharmacokinetics after Pulmonary Administration from a Novel Aerosol Delivery System," <i>Clinical Pharmacology & Therapeutics</i> 62(6):596-609.

EXAMINER:




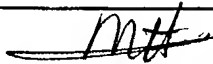
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	172.	Wood, R.W. et al. (1996). "Generation of Stable Test Atmospheres of Cocaine Base and Its Pyrolyzate, Methylecgonidine, and Demonstration of Their Biological Activity." <i>Pharmacology Biochemistry & Behavior</i> . 55(2):237-248.
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